



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

12/a  
B. K. Denny  
6/21/96

Applicant: Alireza Rezaie and Charles T. Esmon

Serial No.: 08/259,321

Group Art Unit: 1806

Filed: June 10, 1994

Examiner: P. Hutzell

For: CALCIUM BINDING RECOMBINANT ANTIBODY AGAINST PROTEIN C

Assistant Commissioner of Patents  
Washington, D.C. 20231

AMENDMENT

Sir:

Responsive to the Office Action mailed September 19, 1995, please amend the application as follows. A Petition for an Extension of Time for three months, up to and including March 19, 1996, and the appropriate fee for a small entity, are enclosed.

In the Claims

Sub B<sup>1</sup>  
a  
1. (amended) A recombinant  $\text{Ca}^{2+}$  dependent monoclonal antibody immunoreactive with [an] a first epitope in the activation peptide region of the heavy chain of Protein C defined by E D Q V D P R L I D G K (Sequence ID No. 1) in combination with a second epitope consisting of calcium ions, where the antibody inhibits Protein C activation by thrombin-thrombomodulin, and wherein the antibody is encoded in part by a nucleotide sequence selected from the group consisting of ATGGGCAGGC TTTCTTCTTC ATTCTTGCTA CTGATTGCCC CTGCATATGT CCTGTCCCAG GTTACTCTGA AAGAGTCTGG CCCTGGGATA TTGCAGCCCT CCCAGACCCT CACTCTGACT